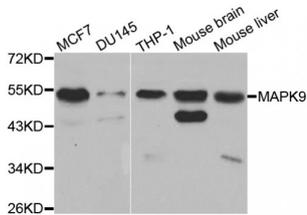
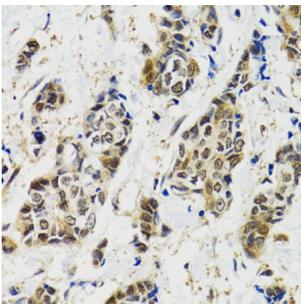


## Mitogen Activated Protein Kinase 9 (MAPK9/JNK2) Antibody

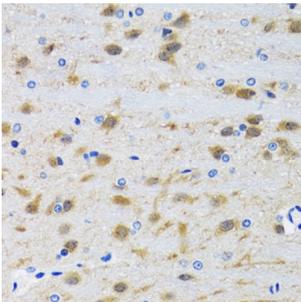
Catalogue No.: abx001162



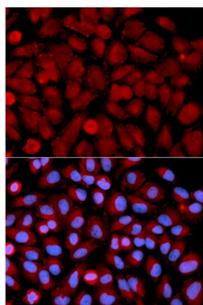
Western blot analysis of extracts of various cell lines, using MAPK9 antibody (abx001162) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded human breast cancer using MAPK9 antibody (abx001162) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using MAPK9 antibody (abx001162) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of U2OS cells using MAPK9 antibody (abx001162). Blue: DAPI for nuclear staining.

MAPK9 Antibody is a Rabbit Polyclonal antibody against MAPK9. The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase targets specific transcription factors, and thus mediates immediate-early gene expression in response to various cell stimuli. It is most closely related to MAPK8, both of which are involved in UV radiation induced apoptosis, thought to be related to the cytochrome c-mediated cell death pathway. This gene and MAPK8 are also known as c-Jun N-terminal kinases. This kinase blocks the ubiquitination of tumor suppressor p53, and thus it increases the stability of p53 in nonstressed cells. Studies of this gene's mouse counterpart suggest a key role in T-cell differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported.

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK  
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: [info@abbexa.com](mailto:info@abbexa.com)

<b>Target:</b>	MAPK9
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Tested Applications:</b>	WB, IHC, IF/ICC
<b>Recommended dilutions:</b>	WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
<b>Immunogen:</b>	Recombinant protein of human MAPK9.
<b>Purification:</b>	Affinity purified.
<b>Form:</b>	Liquid
<b>Isotype:</b>	IgG
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Molecular Weight:</b>	Calculated MW: 27 kDa/44 kDa/48 kDa Observed MW: 54 kDa
<b>Swiss Prot:</b>	<a href="#">P45984</a>
<b>GeneID:</b>	<a href="#">5601</a>
<b>Gene Symbol:</b>	MAPK9
<b>Concentration:</b>	> 1 mg/ml
<b>Buffer:</b>	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
<b>Note:</b>	This product is for research use only.